(b) the details of this ambitious programme;

(c) how many homes presently have solar heater;

(d) the cost of this new programme;

(e) who will bear the cost; and

(f) the names of the implementing agencies?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) and (b) The Sub-group on Renewables for Urban, Industrial & Commercial Applications of the Working Group on Non-conventional Energy Sources for the Eleventh Five Year Plan has recommended installation of 10 million sq. m. of collector area for solar water heating and other applications during the Plan period. This includes 7 million sq. m. of solar collector area for domestic systems which are expected to provide hot water in around 3.5 million homes in the country.

(c) About five lakh homes are estimated to have installed solar water heaters in the country so far.

(d) and (e) The outlay for the Eleventh Plan is yet to be finalized. The cost of the systems will be borne by the users. Subsidy, if any, will be provided by the Government.

(f) The Programme will be implemented through the Indian Renewable Energy Development Agency Ltd. (IREDA), banks and financial institutions, State Nodal Agencies, urban local bodies and the manufacturers/suppliers of solar water heating systems.

Installation of bio-gas project in Andhra Pradesh

479. SHRI C. RAMACHANDRAIAH: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the details of bio-gas projects being installed in Andhra Pradesh during the last two years and the power generated from each plant during the said period;

(b) whether there are plans to install more bio-gas projects in Andhra Pradesh in the coming year; and

(c) if so, the details thereof alongwith the details of roadmap by which these plants will be ready for production?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) A Centrally sponsored scheme - National Biogas and Manure Management Programme (NBMMP) is being implemented in all States including Andhra Pradesh. A total of 20,500 family type bio-gas plants have been set up in Andhra Pradesh during the last two years (i.e. 2004-2005 and 2005-2006) and the beneficiaries use the bio-gas mainly as cooking fuel and not for power generation.

(b) and (c) A target for setting up of 18,000 family type biogas plants has been allocated for the year 2006-07 in Andhra Pradesh under NBMMP. Under a separate programme for Energy Recovery from Industrial and Commercial Wastes, four projects are being implemented in Andhra Pradesh for utilizing the biogas already produced from distillery effluents for power generation totalling to 3.50 MW installed capacity. Besides, a programme for promoting biogas based distributed power generation is implemented by the Ministry and projects received from States are sanctioned on a case to case basis. Plan to promote biogas as a renewable energy source forms a part of the draft proposal for the Eleventh Five Year Plan (2006-07 to 2011-12).

Electrification of villages in remote and forest areas of Madhya Pradesh

†480. SHRIMATI MAYA SINGH: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether it is a fact that proposals have been received from the Government of Madhya Pradesh for approval of schemes regarding electrification of 185 villages situated in remote and forest areas in Madhya Pradesh based on non-conventional energy sources; and

(b) if so, the details thereof and by when these proposals would be cleared?

†Original notice of the question was received in Hindi.